

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: JARABEK, Andrew; TOMBUL, Aris; CARSON, Mark; NGUYEN, Ho
Serial No.: 10/675,799(UNOFFICIAL)
Filed: September 30, 2003
Title: MANAGING DATA IN A SUBTENDED SWITCH
Examiner:
Attorney Ref.: PAT 2514-2 US

July 18, 2005

Commissioner for Patents
United States Patent and Trademark Office
Customer Service Window
Randolph Building, 401 Dulany Street
Alexandria, Virginia, 22314. U.S.A.

Dear Sir:

**RE-SUBMISSION OF REVOCATION OF POWER OF ATTORNEY
AND APPOINTMENT OF NEW POWER OF ATTORNEY**

On February 7, 2005, we submitted via facsimile (703-872-9306) a
Revocation of Power of Attorney and Appointment of New Power of Attorney. Enclosed is the
United States Patent and Trademark Office facsimile Auto-Reply for your reference, together
with our original submission.

Please confirm that Borden Ladner Gervais, customer number 42534,
have been made agents of record for this application.

Respectfully Submitted,

Andrew JARABEK et al.



By:

Dennis R. Haszko
Reg. No. 39,575
Borden Ladner Gervais LLP
100 Queen Street, Suite 1100
Ottawa, ON
Canada K1P 1J9
Tel: (613) 237-5160
Fax: (613) 787-3558
E-mail: lpinfo@blgcanada.com

DRH/AAB/aab

Encls.

1. Auto-Reply Facsimile Transmission
2. Form PTO/SB21
3. Revocation of Power of Attorney and Appointment
of New Power of Attorney
4. Statement Under 37 CFR 3.73(b)
5. Executed Assignment



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DATE: February 7, 2005

Dennis R. Haszko
Registration No.: 39,575

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TO THE ATTENTION OF:

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COMPANY: United States Patent and Trademark Office
CITY: Arlington, Virginia, U.S.A.
FAX NUMBER: 703-872-9306
DATE / TIME: February 7, 2005
FROM: Dennis R. Haszko
DIRECT DIAL: (613) 237-5160
OUR FAX NUMBER: (613) 787-3558

RE: United States Patent Appln No. 10/675,799(UNOFFICIAL)
Title: MANAGING DATA IN A SUBTENDED SWITCH
Inventor(s): JARABEK, Andrew; TOMBUL, Aris; CARSON,
Mark; NGUYEN, Ho
Our File: PAT 2514-2 US

NUMBER OF PAGES, INCLUDING THIS PAGE: 6
CONFIRMATION TO FOLLOW: NONE

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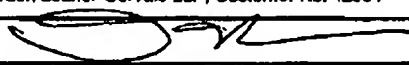
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/675,799(UNOFFICIAL)
	Filing Date	September 30, 2004
	First Named Inventor	Andrew JARABEK et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	PAT 2514-2
Total Number of Pages In This Submission	5	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Statement Under 37 CFR 3.736(b) 2. Executed Assignment
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Borden Ladner Gervais LLP, Customer No. 42534		
Signature			
Printed name	Dennis R. Haezko		
Date	February 7, 2005	Reg. No.	39,575

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: NORTEL NETWORKS LIMITEDApplication No./Patent No.: 10/675,799(unofficial) Filed/Issue Date: September 30, 2003Entitled: MANAGING DATA IN A SUBTENDED SWITCHNORTEL NETWORKS LIMITED, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 27, 2005SignatureJean-Pierre Fortin

Printed or Typed Name

Date
613-768-3035

Telephone Number

Director, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/675,799(UNOFFICIAL)
	Filing Date	September 30, 2003
	First Named Inventor	Andrew JARABEK et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	PAT 2514-2

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

42534

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with
 Customer Number:

42534

OR

☐ Firm or
 Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature

Name

Jean Pierre Fortin, Director, Intellectual Property

Date

January 27, 2005

Telephone

613-768-3035

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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SILVIA LADNER

P.04/21

155 23/2474
25/02/04 15:18

16X NITEC + 63851765

NO.172

003

Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive, Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBIUL of 1071 Ambleside #1104, Ottawa, Ontario, CANADA K2B 6V4, MARK CARSON of 68 North Circular Road, Belfast, United Kingdom, BT15 5FR and HO NGUYEN of 1079 Alameda Cres., Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nortel Networks Limited, a corporation of CANADA having a place of business at: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, H4S 2A9, Canada; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUBTENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number 10/675,799; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 2

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02-25-04 11:21

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 02/04 16:18 16X NITEC + 63551785

613 768 3635 TO BURJEN LADNER P.05/21
 NO.172 034

Attorney Docket No: 10360-098001/

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
 this 11 day of February, 2004
Andrew Jarabek L.S.
 ANDREW JARABEK

Witness: Yelmar Yazar Date: Feb. 11, 2004
 Witness: Mark Carson Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
 this 11 day of February, 2004
Arts Tombul L.S.
 ARTS TOMBUL

Witness: Yelmar Yazar Date: Feb. 11, 2004
 Witness: Mark Carson Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
 this 25 day of February, 2004
Mark Carson L.S.
 MARK CARSON

Witness: James Leung Date: 25/02/04
 Witness: P.S. Hyl Date: 25/02/04

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
 this 12 day of February, 2004
HO NGUYEN L.S.
 HO NGUYEN

Witness: Yelmar Yazar Date: Feb. 12, 2004
 Witness: Mark Carson Date: Feb 12/04

30164534.doc

Page 2 of 2

02-25-04 11:21

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P.04



BORDEN
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tel.: (613) 237-5160 fax: (613) 787-3558
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DATE: February 7, 2005


Dennis R. Haszko
Registration No.: 39,575

TO THE ATTENTION OF:

MAIL STOP:

COMPANY: United States Patent and Trademark Office
CITY: Arlington, Virginia, U.S.A.
FAX NUMBER: 703-872-9306
DATE / TIME: February 7, 2005
FROM: Dennis R. Haszko
DIRECT DIAL: (613) 237-5160
OUR FAX NUMBER: (613) 787-3558

RE: United States Patent Appln No. 10/675,799(UNOFFICIAL)
Title: MANAGING DATA IN A SUBTENDED SWITCH
Inventor(s): JARABEK, Andrew; TOMBUL, Aris; CARSON,
Mark; NGUYEN, Ho
Our File: PAT 2514-2 US

NUMBER OF PAGES, INCLUDING THIS PAGE: 6
CONFIRMATION TO FOLLOW: NONE

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**TRANSMITTAL
FORM**

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Application Number 10/675,799 (UNOFFICIAL)

Filing Date September 30, 2004

First Named Inventor Andrew JARABEK et al.

Art Unit

Examiner Name

Attorney Docket Number PAT 2514-2

ENCLOSURES (Check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/Incomplete Application☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation☒ Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ Landscape Table on CD

Remarks

☐ After Allowance Communication to TC☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below):

1. Statement Under 37 CFR 3.736(b)
2. Executed Assignment

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Borden Ladner Gervais LLP, Customer No. 42534

Signature

Printed name

Dennis R. Haszko

Date

February 7, 2005

Reg. No.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: NORTEL NETWORKS LIMITEDApplication No./Patent No.: 10/675,799(unofficial) Filed/Issue Date: September 30, 2003Entitled: MANAGING DATA IN A SUBTENDED SWITCHNORTEL NETWORKS LIMITED, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 27, 2005

Signature

Jean-Pierre Fortin

Printed or Typed Name

613-768-3035

Telephone Number

Director, Intellectual Property

Title

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**REVOCATION OF POWER OF
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 AND
 CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/875,798(UNOFFICIAL)
Filing Date	September 30, 2003
First Named Inventor	Andrew JARABEK et al.
Art Unit	
Examiner Name	
Attorney Docket Number	PAT 2514-2

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

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☒ I hereby appoint the practitioners associated with the Customer Number:

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☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with
 Customer Number:

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OR

☐ Firm or
 Individual Name

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature

Name

Jean Pierre Fortin, Director, Intellectual Property

Date

January 27, 2005

Telephone

613-768-3035

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 1 forms are submitted.

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P.04/21

NOV 23/2004 16:18

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Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive, Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBUL of 1071 Ambleside #1104, Ottawa, Ontario, CANADA K2B 6V4, MARK CARSON of 68 North Circular Road, Belfast, United Kingdom, BT15 3FE, and HO NGUYEN of 1079 Alameda Ctes., Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nortel Networks Limited, a corporation of CANADA having a place of business at: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, H4S 2A9, Canada; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUBTENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number 104675 799; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 2

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P. 03

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613 768 3635 TO BLIVEN LADNER P.05/21
NO.172 004

Attorney Docket No: 10360-0980011

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
this 11 day of February, 2004
Andrew Jarabek L.S.
ANDREW JARABEK

Witness: Yelmer Yazar Date: Feb. 11, 2004
Witness: Mark Yazar Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
this 11 day of February, 2004
Aris Tombul L.S.
ARIS TOMBUL

Witness: Yelmer Yazar Date: Feb. 11, 2004
Witness: Mark Yazar Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this 25 day of February, 2004
Mark Carson L.S.
MARK CARSON

Witness: Tamara Henry Date: 25/02/04
Witness: P.S. Hyl Date: 25/02/04

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, ONT, Canada
this 12 day of February, 2004
Hoiguyen L.S.
HOIGUYEN

Witness: Yelmer Yazar Date: Feb. 12, 2004
Witness: Mark Yazar Date: Feb 12/04

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P. 04

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Attorney's Docket No. 10360-098001	Express Mail Label No EV 330505677 US	Mailing Date September 30, 2003	For PTO Use Only Do Not Mark in This Area
Application No. Not Yet Assigned	Filing Date September 30, 2003	Attorney/Secretary init DGM/EJM/Lxf	
Title of the Invention MANAGING DATA IN A SUBTENDED SWITCH			
Applicant Andrew Jarabek et al.			
Enclosures Transmittal Letter (2 pages) Patent Application (11 pages of specification, 3 pages of claims, 15 total claims, 1 pages of abstract) Drawings (formal, 7 sheets) Other: Postcard.			
03914 U.S. PTO 10/675799			

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- Attorney docket numbers on the postcard and filing receipt match
- Number of sheets of drawings in the application, number noted on the postcard and number noted on the filing receipt match
- Total number of claims in the application, noted in the transmittal letter and on the filing receipt match
- Number of independent claims in the application and noted in the transmittal letter and on the postcard match
- Attorney named on the filing receipt and attorney named on the declaration/filing request match
- Inventor(s) named on the filing receipt and the inventor(s) named in the declaration/filing request match
- Title noted on filing receipt and on the application match

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Attorney's Docket No.: I0360-098001
Client's Ref. No.:**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MANAGING DATA IN A SUBTENDED SWITCH, the specification of which was filed on September 30, 2003 as Application Serial No. _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Denis G. Maloney, Reg. No. 29,670

Paul A. Pysher, Reg. No. 40,780

David L. Feigenbaum, Reg. No. 30,378

Holmes Anderson, Reg. No. 37, 272

Direct all telephone calls to DENIS G. MALONEY at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161

PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: ANDREW JARABEK

Inventor's Signature: 

Date: Oct 29, 2003

Residence Address:

31 Cherrywood Drive
Nepean, Ontario
CANADA K2H 6H1

Citizenship:

CANADA

Post Office Address:

31 Cherrywood Drive
Nepean, Ontario
CANADA K2H 6H1HN
AT
ML

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613 768 3635 TO BORDEN LADNER P.07/21

Attorney's Docket No.: 10360-098001
Client's Ref. No.:**Combined Declaration and Power of Attorney**
Page 2 of 2 Pages

Full Name of Inventor: ARIS TOMBUL

Inventor's Signature: Date: Oct 29, 2003Residence Address: 1071 Ambleside #1202Ottawa, Ontario
CANADA K2B 6V4

Citizenship: CANADA

Post Office Address: 1071 Ambleside #1202
Ottawa, Ontario
CANADA K2B 6V4

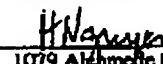
Full Name of Inventor: MARK CARSON

Inventor's Signature: Date: 20th Nov 2003Residence Address: 68 North Circular RoadBelfast
United Kingdom
BT15 5PE

Citizenship: United Kingdom

Post Office Address: 68 North Circular Road
Belfast
United Kingdom
BT15 5PE

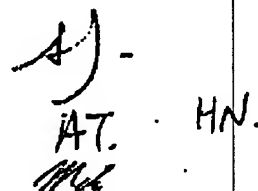

Full Name of Inventor: HO NGUYEN

Inventor's Signature: Date: Oct 29, 2003Residence Address: 1079 Alameda Cres.Ottawa, Ontario
CANADA K2B 8H2

Citizenship: CANADA

Post Office Address: 1079 Alameda Cres.
Ottawa, Ontario
CANADA K2B 8H2

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613 768 3635 TO BORDEN LADNER P.08/21

Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBIJL of 1071 Ambleside #1202 Ottawa, Ontario, CANADA K2B 6V4, MARK CARSON of 68 North Circular Road Belfast, United Kingdom, BT15 5FE, and HO NGUYEN of 1079 Alameda Cres, Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nortel Networks Limited, a corporation of CANADA, having a place of business at: IP Law, Business Services, 600 Technology Park Drive, Mail Stop E65-60-104, Billerica, MA 01821-5501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUBTENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 2

AJ.
A.T.
H.V.
MB DB

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613 768 3635 TO BORDEN LADNER

P.09/21

Attorney Docket No: 10360-098001/

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, Canada
 this 29 day of October, 2003
Andrew Jarabek L.S.
 ANDREW JARABEK

Witness: [Signature] Date: Oct 29, 2003
 Witness: [Signature] Date: OCT 29, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at OTTAWA, CANADA
 this 29 day of October, 2003
[Signature] L.S.
 ARIS TOMBUL

Witness: [Signature] Date: Oct 29, 2003
 Witness: [Signature] Date: OCT 29, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at Belfast, U.K.
 this 20 day of November, 2003
[Signature] L.S.
 MARK CARSON

Witness: [Signature] Date: Oct Nov 20, 2003
 Witness: [Signature] Date: Nov 20, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, Canada
 this 29 day of October, 2003
[Signature] L.S.
 HO NGUYEN

Witness: [Signature] Date: Oct 29, 2003
 Witness: [Signature] Date: OCT 29, 2003

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Attorney's Docket No. 10360-098001	Express Mail Label No. EV 330505677 US	Mailing Date September 30, 2003	For PTO Use Only <i>Do Not Mark in This Area</i>	
Application No. Not Yet Assigned	Filing Date September 30, 2003	Attorney/Secretary Init DGM/EJM/bxf		
Title of the Invention MANAGING DATA IN A SUBTENDED SWITCH				
Applicant Andrew Jarabek et al.				
Enclosures ·Transmittal Letter (2 pages) ·Patent Application (11 pages of specification, 3 pages of claims, 15 total claims, 1 pages of abstract) ·Drawings (formal, 7 sheets) ·Other: Postcard.				

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